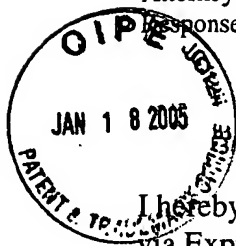


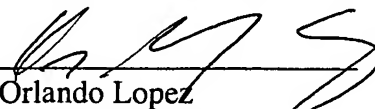
Serial No. 10/027,220  
Attorney Docket No. 6536-109  
Response to Final Office Action dtd. 7/14/04

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Orlando Lopez  
Reg. No. 46,880

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Thomas W. Stone  
Application Serial Number: 10/027,220  
Filed: December 21, 2001  
For: OPTICAL SHUFFLE/INTERCONNECT SYSTEM

Examiner: Que Tan Le  
Group Art Unit: 2878

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P.O. Box 1450  
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**AMENDMENT AND RESPONSE UNDER CFR 1.116**  
**TO FINAL OFFICE ACTION**

Sir:

In response to the Final Office Action dated July 14, 2004, please consider the following Amendments and Remarks that place this Application in condition for allowance or, in the alternative, in better condition for appeal. A petition for an extension of time under CFR 1.136(a), including the appropriate fee, is provided herewith.

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.